

Set H

1. The story takes place in the small Austrian town of Eseldorf in the late 1500s. A boy from the village meets the title character who can create miniature living people and disappear into thin air. However, every time he helps people, greater tragedies occur, and Theodor gradually realizes that Philip Traum's indifference to human suffering is not the mark of an angel but of Satan, the name the stranger initially gives. FTP, name this novella by Mark Twain.

Answer: The Mysterious Stranger

2. While studying for the bar in New Salem, Illinois, he began courting the fiancée of John McNamar, who had gone to get his parents in New York. McNamar's fiancée agreed to marry him if she could get an "honorable release" from her engagement, but got milk fever and died before McNamar's return in the fall of 1835. Such is the tale of the first love of this man for Ann Rutledge, mildly ironic considering his future reputation for honesty. FTP, name this assassination victim and U.S. statesman.

Answer: Abraham Lincoln

3. It holds true for a multiconnected domain, or any domain bounded only by simple closed curves. It can be used to derive a useful formula for finding the area of an irregular region with a line integral. This theorem from multivariable calculus allows the calculation of a line integral around the boundary curve from a double integral over the region enclosed. FTP, identify this simpler case of Stokes' theorem, applied in two dimensions.

Answer: Green's theorem

4. In the Vedas, her name is associated with Agni as the name of one of seven flickering tongues of flame but among the Tamils, she is known as Kottavei. She is generally pictured as wearing a chain of severed human heads and a belt of dismembered arms; she makes the gesture of fearlessness and confers benefits with her right hands, while her left hands hold a bloody sword and the severed head of a demon. FTP, name this Hindu mother goddess, the symbol of dissolution and destruction.

Answer: Kali

5. The conversion of these peoples to Christianity was evident with the baptism of Bulscu, their greatest military leader. After they burned Pavia, Rudolph of Italy and Hugh of Arles drove them into France, where they reached Burgundy before being repulsed by King Raoul of France. They had begun a westward migration after Emperor Leo VI prompted them to attack the Bulgar Khanate, and their raiding would finally end with defeat at Lechfeld in 955 by Otto the Great. Thus, they settled down and gained autonomy in their own country in 1000. FTP, identify this dominant linguistic and ethnic group in Hungary.

Answer: Magyars

6. Originally appearing in *The Smart Set* in 1922, it was eventually included in *Tales of the Jazz Age*. The narrator leaves his hokum hometown named Hades to attend the exclusive prep school, St. Midas', and later goes home with his friend Percy Washington for the summer. Desperate to prevent discovery of his chateau after years of secrecy, Braddock Washington tries to bribe God (who refuses). In the end he detonates his own home, along with the enormous and priceless title object on which it rests. FTP, name this short story by F. Scott Fitzgerald about a huge jewel.

Answer: The Diamond as Big as the Ritz

7. He was forced to abandon plans to attend Harvard due to his poor eyesight, and in 1878 he joined the machine shops of the Midvale Steel Company. A holder of over 40 patents, he performed experiments involving pig iron handling while at Bethlehem Steel, and he proposed that efficiency in a shop or factory could be enhanced by close monitoring of the individual workers present. FTP, name this one-time president of the American Society of Mechanical Engineers and author of *The Principles of Scientific Management*.

Answer: Frederick W. Taylor

8. During adverse environmental periods, many of these survive by encystment, becoming circular, losing most of their water, and secreting a membrane for protective covering until the environment again becomes suitable. It reproduces asexually using binary fission, and having no mouth or anus, it feeds by forming a vacuole with its cell membrane into which enzymes are secreted. FTP, name this microscopic protozoan, identified by its ability to form temporary cytoplasmic extensions called pseudopodia.

Answer: Amoeba

9. Most of its poetry is considered conventional and uninspiring, except for the final two poems in the work: *David's Lamentation for Saul and Jonathan* and *Of the Vanity of All Wordly Creatures*. Published in England in 1650 by the author's brother-in-law, it did not see its first American edition until 1678 under the title *Several Poems Compiled with Great Variety of Wit and Learning*. FTP, name this collection, the first published book of poetry by an American, written by Anne Bradstreet.

Answer: The Tenth Muse Lately Sprung Up in America

10. This sculpture is the centerpiece for the Cornaro Chapel in Rome. Seven cardinals and a doge watch the two central figures from surrounding balconies. Bronze rays descend from above, symbolizing the divine light of God. An angel hovers over the title character, about to thrust a golden spear into her heart. The title character looks about to faint. Her lavish draperies and the powerful emotions of the work are typical of Baroque art. FTP, name this sculpture by Bernini.

Answer: The Ecstasy of Saint Theresa

11. Its author used an elegant English diction to protest African characters' traditional use of pidgin language or gibberish. Taking place in a group of nine villages called Umofima, the first part of the novel depicts traditional Ibo life. The second part begins with Okonkwo's return from a brief exile to discover his home has been colonized by the British. With a title taken from Yeats' poem "The Second Coming," this is, FTP, what 1958 novel by Chinua Achebe?

Answer: Things Fall Apart

12. It begins with a solo flute evoking an idyllic setting. Nijinsky eventually produced a scandal-provoking, but successful ballet using the piece. It describes a pagan setting in which a half-man, half animal creature contemplates life and death. Based on a poem by Mallarme, FTP, name this famous orchestral work composed by Claude Debussy.

ANSWER: Prelude to the Afternoon of a Faun or Prelude a l'Apres-midi d'un faune

13. The potential of the electric kind at a large distance is approximately proportional to this quantity times the cosine of the angle between the direction vector and the axis, divided by the distance squared. To obtain the potential energy, take the dot product of this quantity with the applied field. FTP, name this quantity, which is equal to current times area for the magnetic kind, and equal to charge times separation distance for the electric kind, and measured in debyes.

Answer: dipole moment

14. The two major sects differ in their method of attaining the Satori, or awakening of the Buddha-nature inherent in everyone. Rinzaï, introduced in 1191 by the priest Eisai, emphasizes sudden shock and meditation on the paradoxical statements called Koan. The Soto sect, introduced in 1227 by Dogen, prefers the method of quiet sitting, or zazen. FTP, name this Buddhist school, whose name comes from the Japanese pronunciation of the Chinese "Ch'an."

Answer: Zen Buddhism

15. Situated in the northwest corner of a province by the same name, this mountain peaks at a height of 20,700 feet. Even though Mount Everest officially sits at about 29,000 feet above sea level, this peak could actually be considered the highest in the world, due to its location at only 1.5 degrees south latitude, and the oblate spheroidal nature of the Earth. FTP, name this highest mountain from the center of the Earth located in Ecuador.

Answer: Chimborazo

16. First formed in August 1965, their original lineup included Bob Harvey and Jerry Pelonquin, who were soon initially replaced by Alexander Skip Spence and Signe Anderson, then by Spencer Dryden and Jack Casady. Their debut album was moderately successful, but it wasn't until Anderson left and a former member of Great Society joined in 1966 and the subsequent release of Surrealistic Pillow that they took off. FTP, name this seminal band whose most famous members were Jorma Kaukonen, Marty Balin, Paul Kantner and Grace Slick.

Answer: Jefferson Airplane

17. A minister in the Christian Church/Disciples of Christ, during the 1950s, he established a following of over 900 members in Indianapolis, by preaching a "social gospel" of human freedom, equality and love. His group later moved to California but after an expose during the mid-1970s by the magazine New West, he leased almost 4,000 acres from the Guyana government. FTP, name this cult leader, who led his followers into mass suicide following the assassination of Congressman Leo Ryan in 1978.

Answer: Jim Jones (or James Warren Jones)

18. It relates the second space derivative of the wavefunction to the first time derivative of the wavefunction. It is based on classical energy equations, and thus is not valid at relativistic velocities. A relativistic counterpart to it is the Dirac equation. It comes in time-dependent and time-independent versions, and can be used to solve problems such as barrier penetration, the square well, the simple harmonic oscillator, and the hydrogen atom. FTP, name this central equation of quantum mechanics, developed in 1925 by an Austrian physicist who shared the 1933 Nobel Prize in Physics.

Answer: Schrodinger's equation

19. The author warned that "(it) will be long and laborious", and it inspired the psychoanalysis of Carl Jung and James Joyce's Finnegans Wake. A cross-cultural analysis of universal archetypes in religious and magical practices, the title of it refers to an act of Aeneas before his descent into the underworld. FTP, identify this comparative work by Sir James Frazer.

Answer: The Golden Bough

20. It began on the morning of October 7 when lookouts at Kara Kosh signaled that the enemy was approaching. The losers would return the next year to fight at Modon and Cape Matapan, but their campaign stalled after this defeat. Upon hearing of victory at this battle, the Doge of Venice proclaimed a week's worth of celebrations. It was off of the coast of Corfu that Muhammad Saualak, Ali Pasha, and their

forces were completely decimated by Holy League forces under Don John of Austria. FTP, identify this 1571 naval defeat of the Ottoman Empire.

Answer: Battle of Lepanto

21. His literary endeavors include a cotranslation with Franz Rosenzweig of the Bible into German, and the 1932 Kingship of God. His worldview emphasized the relationship between man and God, which was deeply rooted in Hasidism, and he saw in Israel the peak of humanist thought. FTP, name this Zionist thinker and writer of such works as Tales of Rabbi Nachman and I and Thou.

Answer: Martin Buber

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Extras from Set B